

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An image forming apparatus, comprising:
a movable print device;
a sensed device having indicia that ~~[[is]]~~ are capable of being sensed positioned adjacent to the movable print device; and
at least first and second indicia sensors carried by the movable print device in spaced relation to one another.

2. (Original) An image forming apparatus as claimed in claim 1, wherein the movable print device includes at least one ink jet pen having a plurality of nozzles.

3. (Original) An image forming apparatus as claimed in claim 1, wherein the movable print device comprises a plurality of printer elements.

4. (Original) An image forming apparatus as claimed in claim 1, wherein the movable print device comprises a plurality of printer elements arranged in first and second banks.

5. (Original) An image forming apparatus as claimed in claim 1, wherein the sensed device comprises an encoder strip having a plurality of graduations.

6. (Original) An image forming apparatus as claimed in claim 1, wherein the sensed device comprises at least first and second sensed devices

positioned in spaced relation to one another, the first indicia sensor is in a sensing relationship with the first sensed device, and the second indicia sensor is in a sensing relationship with the second sensed device.

7. (Original) An image forming apparatus as claimed in claim 1, wherein at least one of the first and second indicia sensors comprises a light source and a light sensor.

8. (Original) An image forming apparatus as claimed in claim 1, further comprising:

a controller, operably connected to the print device and the first and second indicia sensors, that controls a first portion of the print device at least partially in response to data from the first indicia sensor and controls a second portion of the print device at least partially in response to data from second indicia sensor.

9. (Original) An image forming apparatus as claimed in claim 8, wherein the print device includes at least first and second printer elements and the controller controls the first printer element at least partially in response to data from the first indicia sensor and controls the second printer element at least partially in response to data from the second indicia sensor.

10. (Currently Amended) An image forming apparatus as claimed in claim 8, wherein the print device includes a ~~relatively tall~~ printer element defining first and second longitudinal ends and the controller controls a portion of the printer element adjacent to the first longitudinal end at least partially in response to data from the first indicia sensor and controls a portion of the printer element adjacent to the second longitudinal end at least partially in response to data from the second indicia sensor.

11. (Currently Amended) A scanning carriage for use in an image forming apparatus, the image forming apparatus including at least one sensed device having indicia that ~~[[is]]~~ are capable of being sensed, the scanning carriage comprising:

a main body configured to at least one printer element; and
at least first and second indicia sensors carried by the main body in spaced relation to one another.

12. (Original) A scanning carriage as claimed in claim 11, wherein the main body is configured to carry a bank of printer elements, the main body defines first and second longitudinal ends, and the first and second indicia sensors are respectively located near the first and second longitudinal ends of the main body.

13. (Original) A scanning carriage as claimed in claim 11, wherein the main body is configured to carry first and second banks of printer elements, the first indicia sensor is closer to the first bank, and the second indicia sensor is closer to the second bank.

14. (Original) A scanning carriage as claimed in claim 13, wherein the first and second banks define respective longitudinal ends, the first indicia sensor is located between the longitudinal ends of the first bank, and the second indicia sensor is located between the longitudinal ends of the second bank.

15. (Original) A scanning carriage as claimed in claim 11, wherein the at least one printer element defines first and second longitudinal ends, the first indicia sensor is positioned adjacent to the first longitudinal end, and the second position sensor is positioned adjacent the second longitudinal end.

16. (Original) A scanning carriage as claimed in claim 15, wherein the main body is configured to carry a plurality of elements.

Claims 17-28 (Canceled)

29. (Currently Amended) An image forming apparatus, comprising:
a movable print device; and
a position sensing device independently sensing a position of at least first and second predetermined locations on the movable print device.

30. (Original) An image forming apparatus as claimed in claim 29, wherein the movable print device includes at least one ink jet pen having a plurality of nozzles.

31. (Original) An image forming apparatus as claimed in claim 29, wherein the movable print device comprises a plurality of printer elements.

32. (Original) An image forming apparatus as claimed in claim 29, wherein the movable print device comprises a plurality of printer elements.

33. (Original) An image forming apparatus as claimed in claim 29, further comprising:
a controller, operably connected to the print device and position sensing device, that controls a first portion of the print device at least partially in response to the position of the first location on the print device and controls a second portion of the print device at least partially in response to the position of the second location on the print device.

34. (Original) An image forming apparatus as claimed in claim 33, wherein the print device includes at least first and second printer elements and the controller controls the first printer element at least partially in response to the position of the first location on the print device and controls the second printer element at least partially in response to the position of the second location on the print device.

35. (Currently Amended) An image forming apparatus as claimed in claim 33, wherein the print device includes a ~~relatively tall~~ printer element defining first and second longitudinal ends and the controller controls a portion of the printer element adjacent to the first longitudinal end at least partially in response to the position of the first location on the print device and controls a portion of the printer element adjacent to the second longitudinal end at least partially in response to the position of the second location on the print device.

Claims 36-40 (Canceled)

41. (New) The image forming apparatus of Claim 1, wherein the indicia comprise first and second indicia and the first and second indicia sensors independently and concurrently sense the first and second indicia, respectively.